

Supplement Figure 2A data LDH activity release; effects of different vehicle

| [OA]uM | BSA | | | EtOH | | |
|--------|-------|------|---|-------|-----|--|
| | mean | SEM | n | mean | SEM | |
| 1 | 95.6 | 2.1 | 3 | 94.9 | 3.6 | |
| 5 | 111.1 | 8.5 | 5 | 103.3 | 6.7 | |
| 25 | 114.4 | 11.2 | 5 | 105.8 | 7.0 | |
| 50 | 118.9 | 12.2 | 5 | 100.4 | 6.8 | |
| 100 | 116.9 | 9.7 | 5 | 102.3 | 4.1 | |
| 250 | 125.0 | 9.0 | 5 | 105.6 | 6.3 | |
| 500 | 129.3 | 15.3 | 5 | 102.1 | 5.8 | |
| 1000 | 137.4 | 17.0 | 5 | 104.4 | 6.0 | |

24hr

| [OA]uM | BSA | | | EtOH | | |
|--------|-------|------|---|-------|------|--|
| | mean | SEM | n | mean | SEM | |
| 1 | 100.6 | 0.2 | 2 | 96.8 | 3.1 | |
| 5 | 113.1 | 10.8 | 4 | 101.0 | 2.5 | |
| 25 | 109.4 | 9.9 | 4 | 98.9 | 3.8 | |
| 50 | 104.4 | 4.3 | 4 | 91.1 | 5.6 | |
| 100 | 125.3 | 14.0 | 4 | 100.9 | 4.9 | |
| 250 | 123.7 | 14.1 | 4 | 102.8 | 3.3 | |
| 500 | 138.8 | 14.6 | 4 | 96.5 | 2.8 | |
| 1000 | 138.6 | 22.9 | 4 | 127.8 | 15.8 | |
| | 220.2 | 0.0 | 2 | 227.2 | 7.3 | |

48hr

| [OA]uM | BSA | | | EtOH | | |
|--------|-------|------|---|-------|-----|--|
| | mean | SEM | n | mean | SEM | |
| 1 | 92.7 | 2.5 | 4 | 101.4 | 1.1 | |
| 5 | 102.2 | 6.1 | 6 | 105.0 | 3.2 | |
| 25 | 98.3 | 4.3 | 5 | 103.8 | 0.7 | |
| 50 | 102.2 | 3.2 | 5 | 95.7 | 1.3 | |
| 100 | 106.6 | 7.6 | 4 | 100.4 | 1.8 | |
| 250 | 122.3 | 12.9 | 5 | 96.7 | 2.6 | |
| 500 | 172.7 | 28.6 | 6 | 106.9 | 9.8 | |
| 1000 | 229.3 | 36.6 | 6 | 106.9 | 4.5 | |

OA= oleic acid

uM = micromolar

SEM= standard error of the mean

BSA= bovine serum albumin

EtOH= ethanol

n= number of independent experiments

MBCD=methyl- β -cyclodextrin (MBCD)

LDH= lactate dehydrogenase

icle; relative to control

| n | MBCD mean | SEM | n |
|---|--------------|-----|---|
| 4 | | | |
| 6 | | | |
| 6 | 93.4 | 0 | 1 |
| 6 | 91.3 | 0 | 1 |
| 6 | 101.1 | 0 | 1 |
| 6 | 98.4 | 0 | 1 |
| 6 | 90.7 | 0 | 1 |
| 6 | 167.2 | 0 | 1 |

| n | MBCD mean | SEM | n |
|---|--------------|------|---|
| 4 | | | |
| 6 | | | |
| 6 | 98.7 | 1.6 | 2 |
| 6 | | | |
| 6 | 156.0 | 63.9 | 2 |
| 6 | 164.3 | 53.5 | 2 |
| 6 | 200.8 | 22.3 | 2 |
| 6 | 245.4 | 71.9 | 2 |
| 2 | | | |

| n |
|---|
| 4 |
| 4 |
| 4 |
| 4 |
| 6 |
| 6 |
| 6 |
| 6 |